ANNUAL REPORT OF THE CENTRAL METEOROLOGICAL OBSERVATORY OF JAPAN

FOR

THE YEAR 1905.

PART II.

ON

THE BAROMETRIC DEPRESSIONS

IN

THE YEAR 1905.

PUBLISHED BY THE CENTRAL METEOROLOGICAL OBSERVATORY,

TOKIO.

1917.

BAROMETRIC DEPRESSION IN THE YEAR 1905.

JANUARY.

1. *4th.* — Continental cyclone from the lower Yangtse-valley.
2. *5th.* — Barometric depression from the sea between the Yaeyama islands and Formosa.
3. *12th.* — Barometric depression from the sea to the south of Formosa.
4. *16th.* — Continental cyclone from the upper Yangtse–valley.
5. *19th.* — Continental cyclone from the upper Yangtse–valley.
6. *20th.* — Barometric depression from the Pacific to the southeast of Formosa.
7. *23rd.* — Continental cyclone from the upper Yangtse–valley.
8. *23rd.* — Continuntal cyclone from Foukien province.

FEBRUARY.

1. *1st.* — Barometric depression from the Pacific to the east of Luzon.
2. *13th.* — Barometric depression from the sea between the Yaeyama islands and Formosa.
3. *14th.* — Continental cyclone from Amur province.
4. *16th.* — Continental cyclone from Amur province.
5. *20th.* — Continental cyclone from the mean Yangtse–valley.
6. *24th.* — Continental cyclone from Foukien province.
7. *26th.* — Secondary cyclone that developed in the sea between the Gotô islands and Quelpart.

MARCH.

1. *3rd.* — Barometric depression from the Eastern sea.
2. *10th.* — Barometric depression from the Pacific to the east of Balintang Channel.
3. *12th.* — Contindntal cyclone from Foukien province.
4. *15th.* — Barometric depression from the sea to the southwest of Formosa.
5. *22nd.* — Barometric depression from the sea to the southwest of Formosa.
6. *25th.* — Barometric depression from the Pacific to the east of Luzon.

APRIL.

1. *1st* — Barometric depression from the Pacific to the east of the Riukiu islands.
2. *5th.* — Continental cyclone from Northern Manchuria.
3. *9th.* — Barometric depression from the Pacific to the east of Bashi Channel.
4. *11th.* — Barometric depression from the Pacific to the east of Bashi Channel.
5. *12th.* — Continental cyclone from Mongolia.
6. *16th.* — Continental cyclone from Yunnan province.
7. *18th.* — Continental cyclone from the Hoangho valley.
8. *18th.* — Continental cyclone trom the upper Yangtse-valley.
9. *24th.* — Continental cyclone from the Hoangho valley.

MAY.

1. *April 30th.* — Continental cyclone from the Yangtse-valley.
2. *1st.* — Continental cyclone from Mongolia.
3. *5th.* — Continental cyclone from the upper Yangtse-valley.
4. *8th.* — Continental cyclone from South China.
5. *17th.* — Continental cyclone from North China.
6. *19th.* — Continental cyclone from North China.
7. *22nd.* — Typhoon from the Pacific to the east of Luzon.
8. *25th* — Continental cyclone from Mongolia.

JUNE.

1. *2nd.* — Continental cyclone from the Yangtse-valley.
2. *4th.* — Continental cyclone from the neighbourhood of Tomsk, Siberia.
3. *12th.* — Typhoou from the Pacific to the east of the Riukiu islands. This typhoon traversed Japan proper on the 13th, causing a severe rainstorm there.
4. *15th.* — Typhoon from China sea. This typhoon crossed Formosa on the 16th, and caused a heavy rainstorm there, which resulted in a great deal of damage in life and property. At Tainan the barometer fell to 728.0mm* on the 18th, at 5.30pm.
5. *25th.* — Continental cyclone from the Hoangho valley.

JULY.

1. *June 20th.* — Typhoon from the Pacific to the east of Luzon. During the visitation of this typhoon the barometer fell as low as 714.8mm at St Domingo island on July 1st, at 4am.

2. *14th.*— Typhoon from the Pacific to the north of Yap. During the visitation of this storm the lowest barometric reading observed was 730.1mm at Izugahara, Korea straits on the 18th, at 8pm.
3. *30th.*— Typhoon from the Pacific to the east of Luzon.

AUGUST.

1. *2nd.* — Typhoon from the Pacific to the north of Guam island. This typhoon crossed Okinawa island on the morning of the 9th, and passed over Korea straits on the 8th. On the 10th it traversed Northern Japan, causing a severe rainstorm over Japan proper. At Izugahara, Korea straits the glass fell to 710.8mm on the 8th, at 8.20pm.
2. *11th.*— Typhoon from the Pacific between Guam and Yap.
3. *19th.*— Continental cyclone from the Hoangho–valley.
4. *23rd.*— Typhoon from the Pacific to the south of Guam. This typhoon caused a rainstorm over Southern Formosa.

SEPTEMBER.

1. *August 27th.*— Typhoon from the Pacific to the north of Guam. This typhoon crossed Chosen (Korea) on September 3rd, causing a heavy rainstorm there. At Moukpo, Southern Korea the glass fell to 727.7 mm on the 2nd, at 9pm.
2. *12th.*— Typhoon from the Pacific to the north of Pelew island. This typhoon crossed Formosa in the night of the 13th. During the visitation of this storm a heavy rain fell over the island, and many rivers flooded over their banks.
3. *13th.*— Continental cyclone from Mongolia.

OCTOBER.

1. *4th.* — Typhoon from the Pacific to the east of Luzon.
2. *14th.*— Continental cyclone from the Hoangho–valley.
3. *19th.*— Typhoon from the Pacific to the east of the Riukiu islands.
4. *19th.*— Continental cyclone from North China.

NOVEMBER.

1. *Oct. 24th.*— Typhoon from the Mariana islands. This Typhoon caused a heavy rainstorm over the Riukiu islands on November 3rd. At

* The barometric readings given in the text reduced to sea-level and to standard gravity

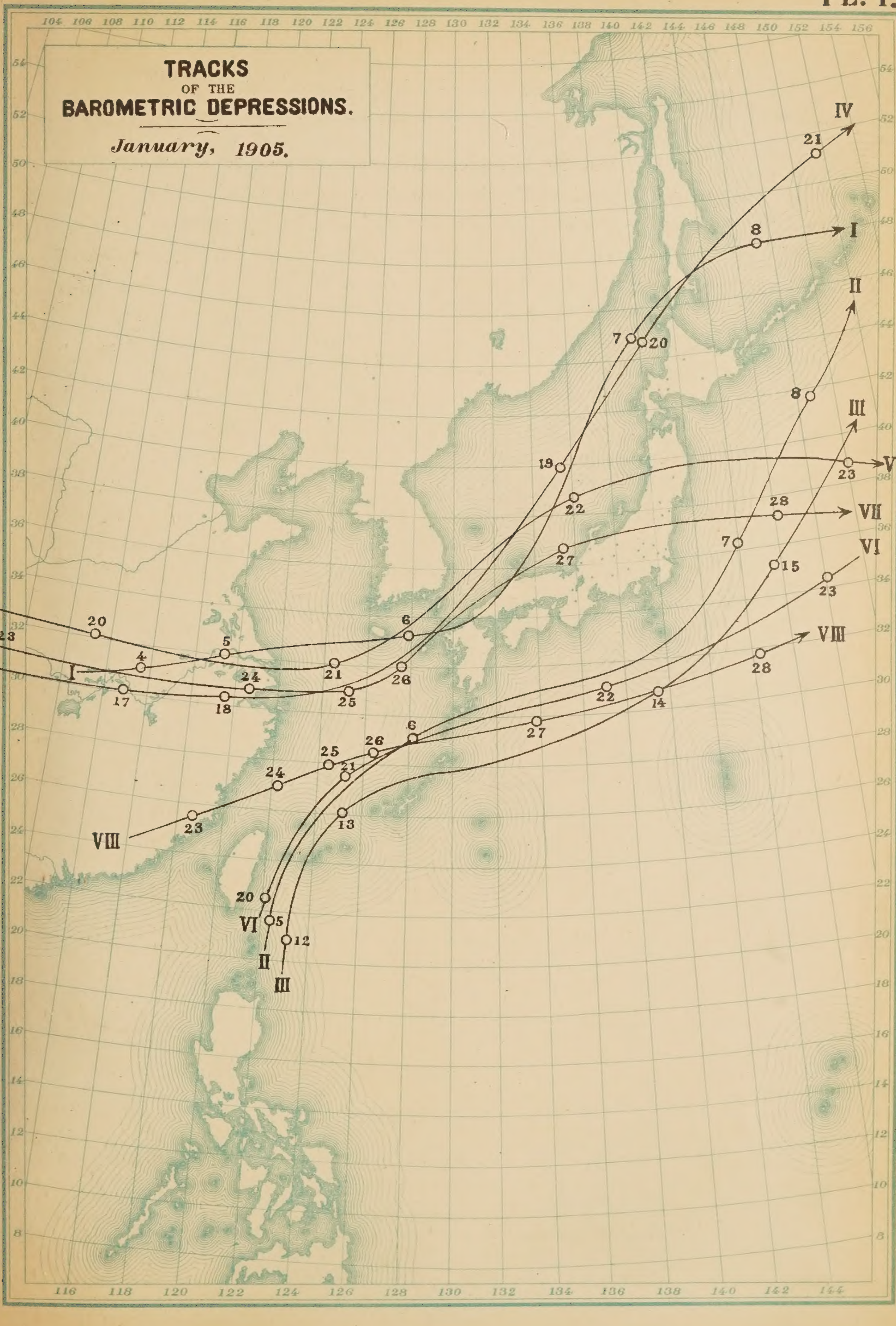
Naha the barometer fell as low as 711.6 mm on the 3rd, at 7.30 mm,

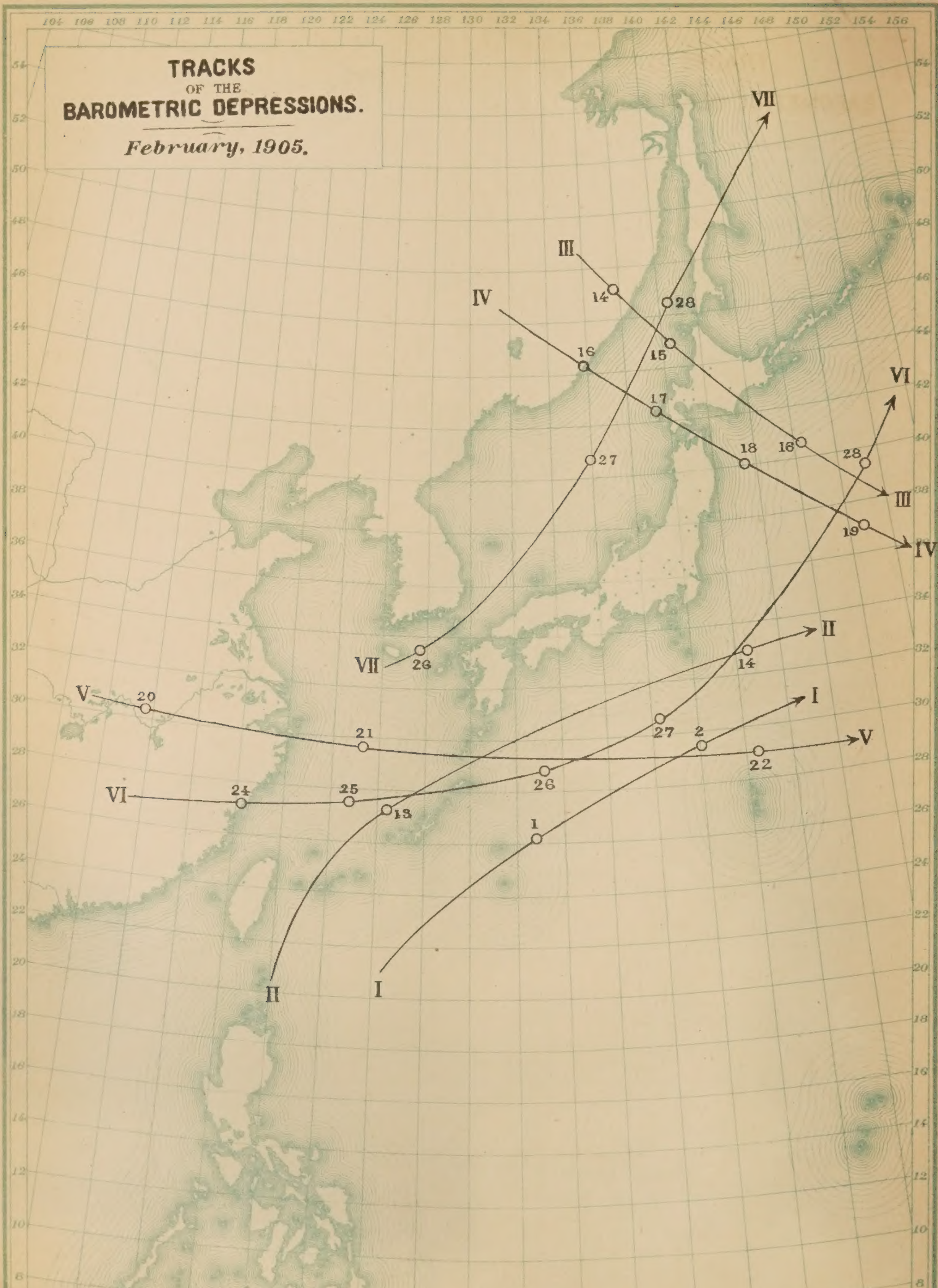
2. *7th.* — Continental cyclone from Northern Manchuria.
3. *12th.* — Continental cyclone from the upper Yangtse-valley.
4. *14th.* — Typhoon from the Pacific to the southeast of the Riukiu islands.
5. *24th.* — Typhoon from the Pacific to the south of Okinawa islands.
6. *27th.* — Continental cyclone from Eastern Siberia.

DECEMBER.

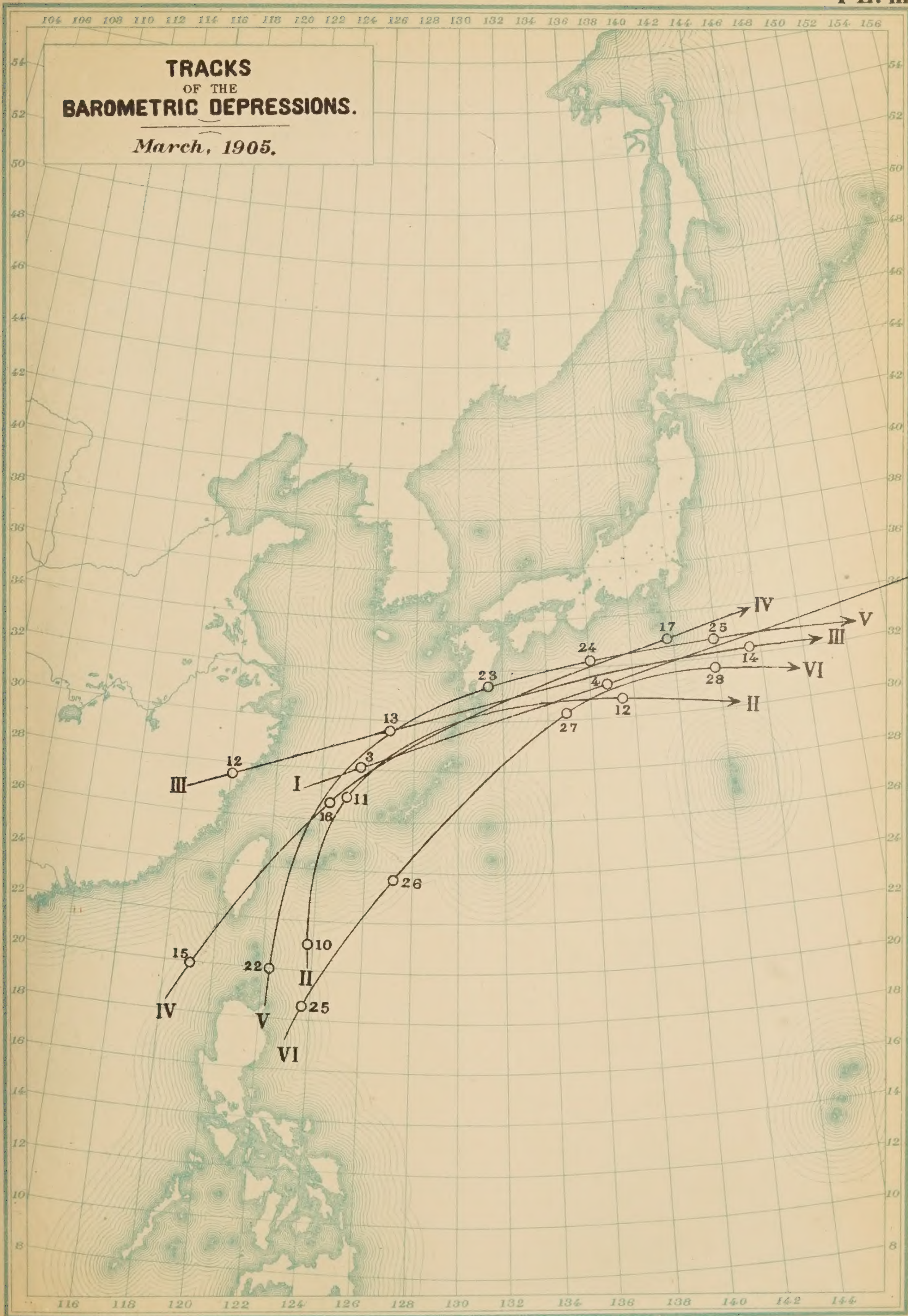
1. *5th.* — Continental cyclone from Tibet.
2. *10th.* — Continental cyclone fram the Yangtse-valley.
3. *28th.* — Typhoon from the Pacific to the east of Luzon.

Note. — The tracks of all the cyclonic storms given in the text are exhibited on the chart. Those of more important typhoons and cyclones are given in thick lines. Each of the small circles in the tracks indicates the position of the storm-centre at 6 am on the date specified by the figures printed near the circle.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
January, 1905.
IV
I
II
III
V
VII
VI
VIII

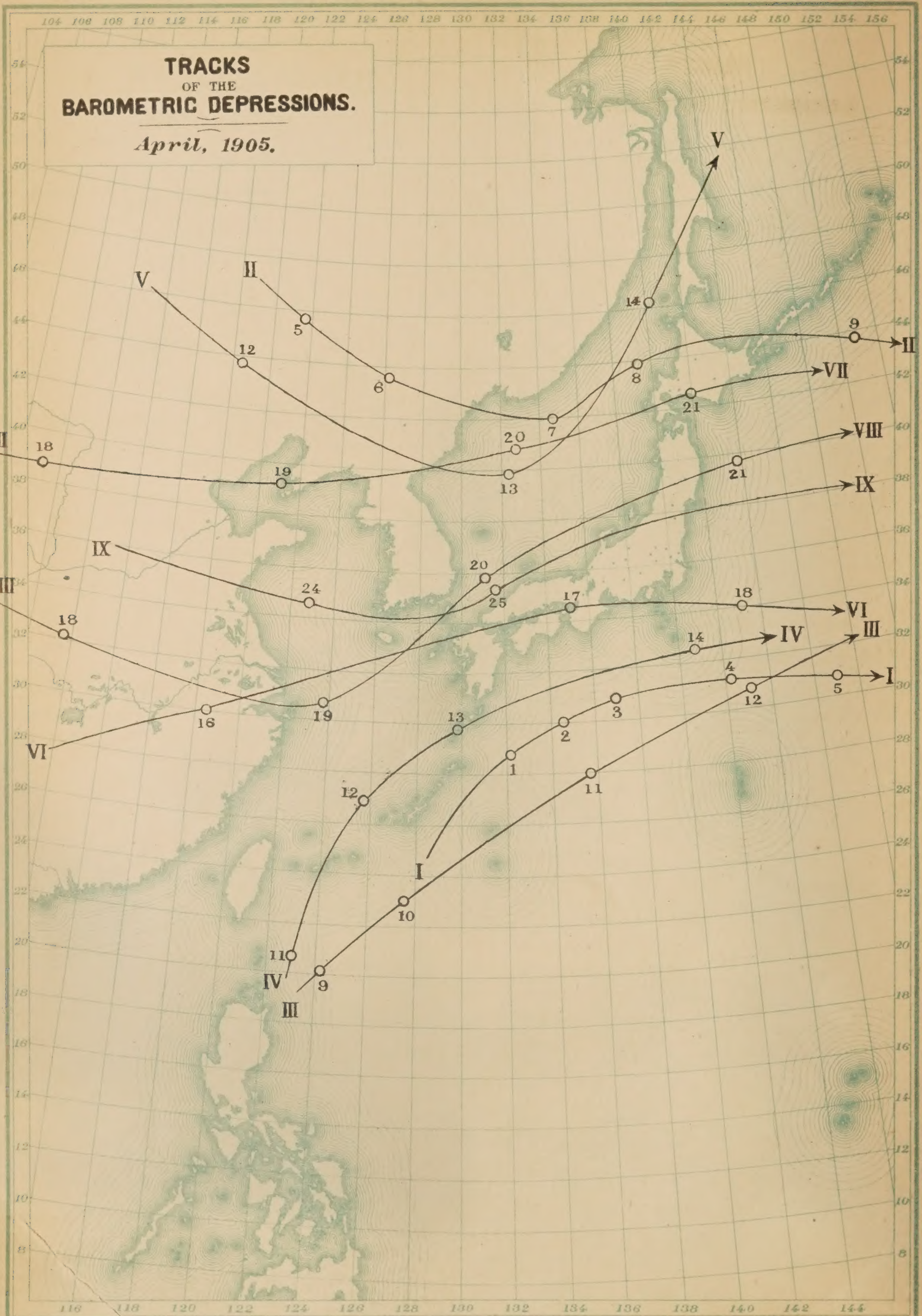

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
February, 1905.
I
II
III
IV
V
VI
VII

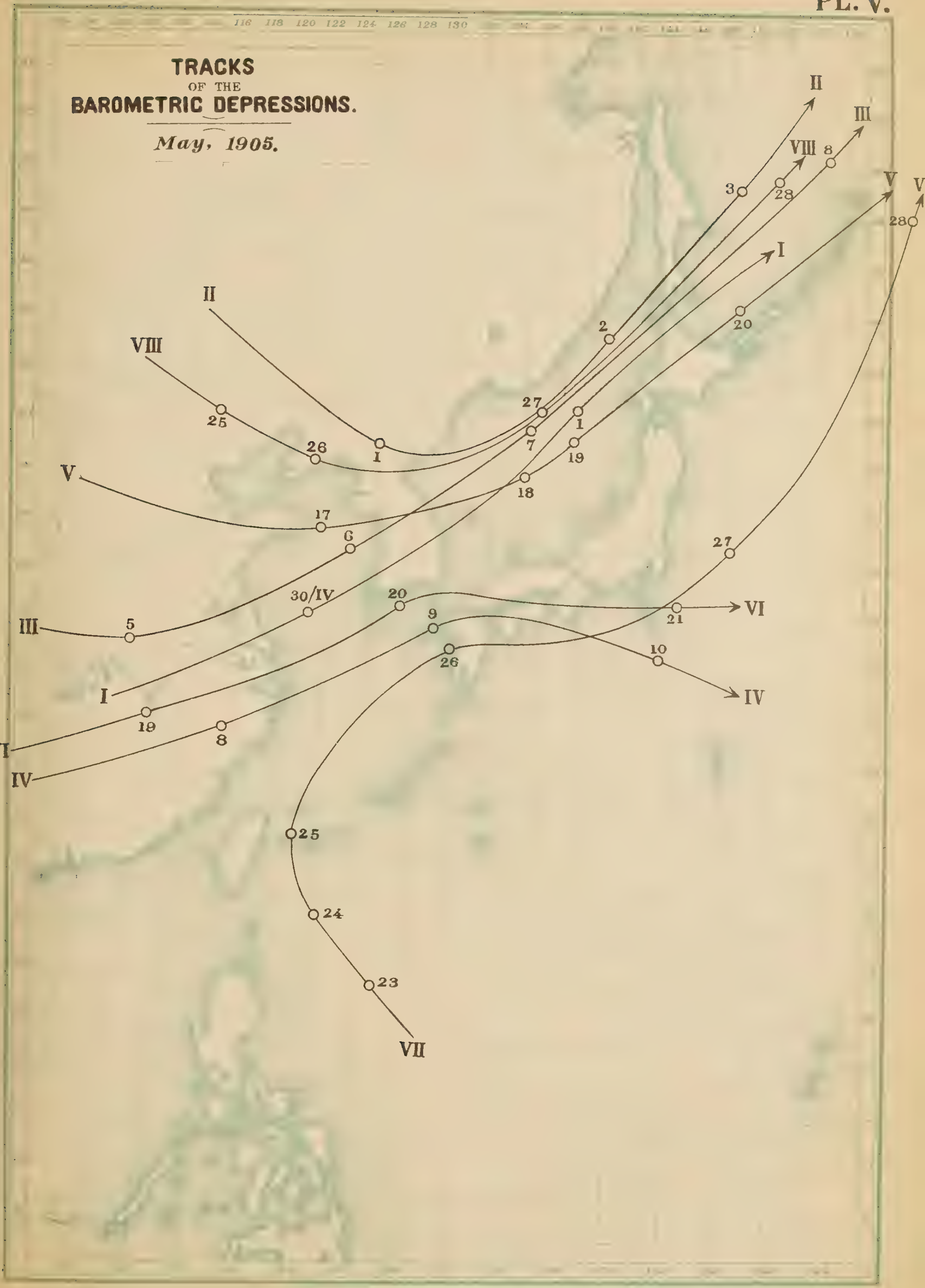
PL. III.



TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
March, 1905.
I
II
III
IV
V
VI

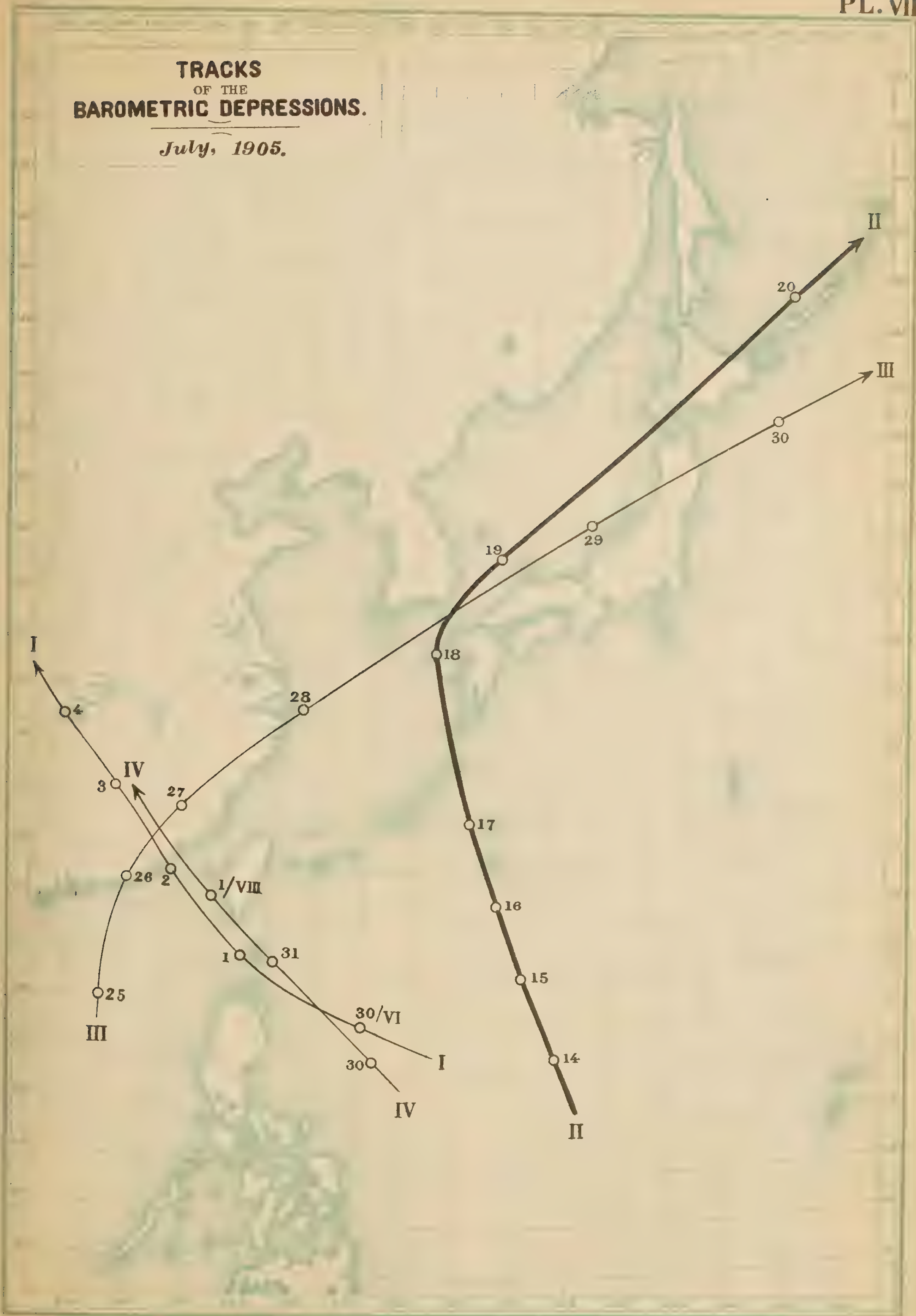
PL. IV.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
April, 1905.
I
II
III
IV
V
VI
VII
VIII
IX

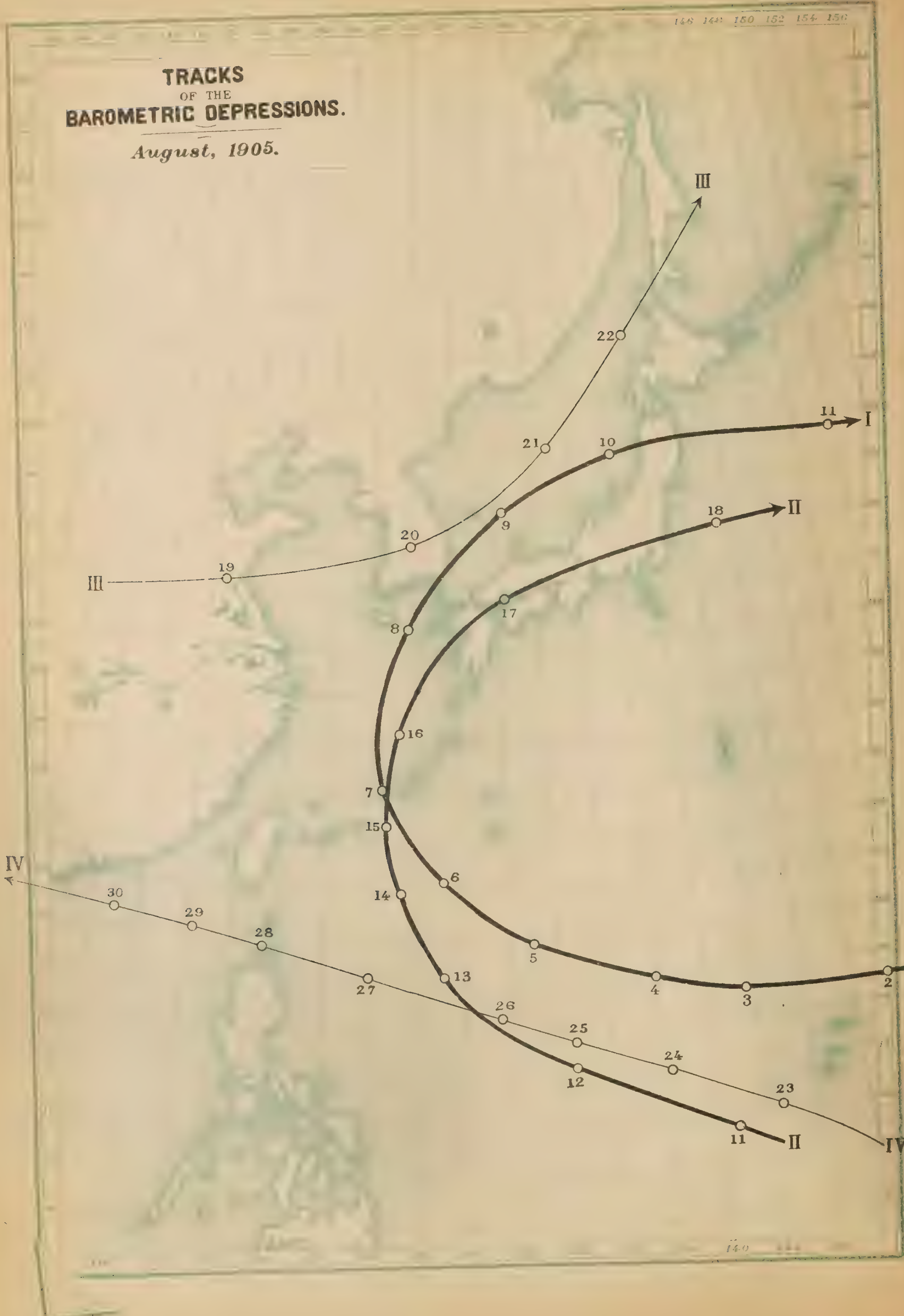

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
May, 1905.
116 118 120 122 124 126 128 130
I
II
III
IV
V
VI
VII
VIII
30/IV

PL. VI.

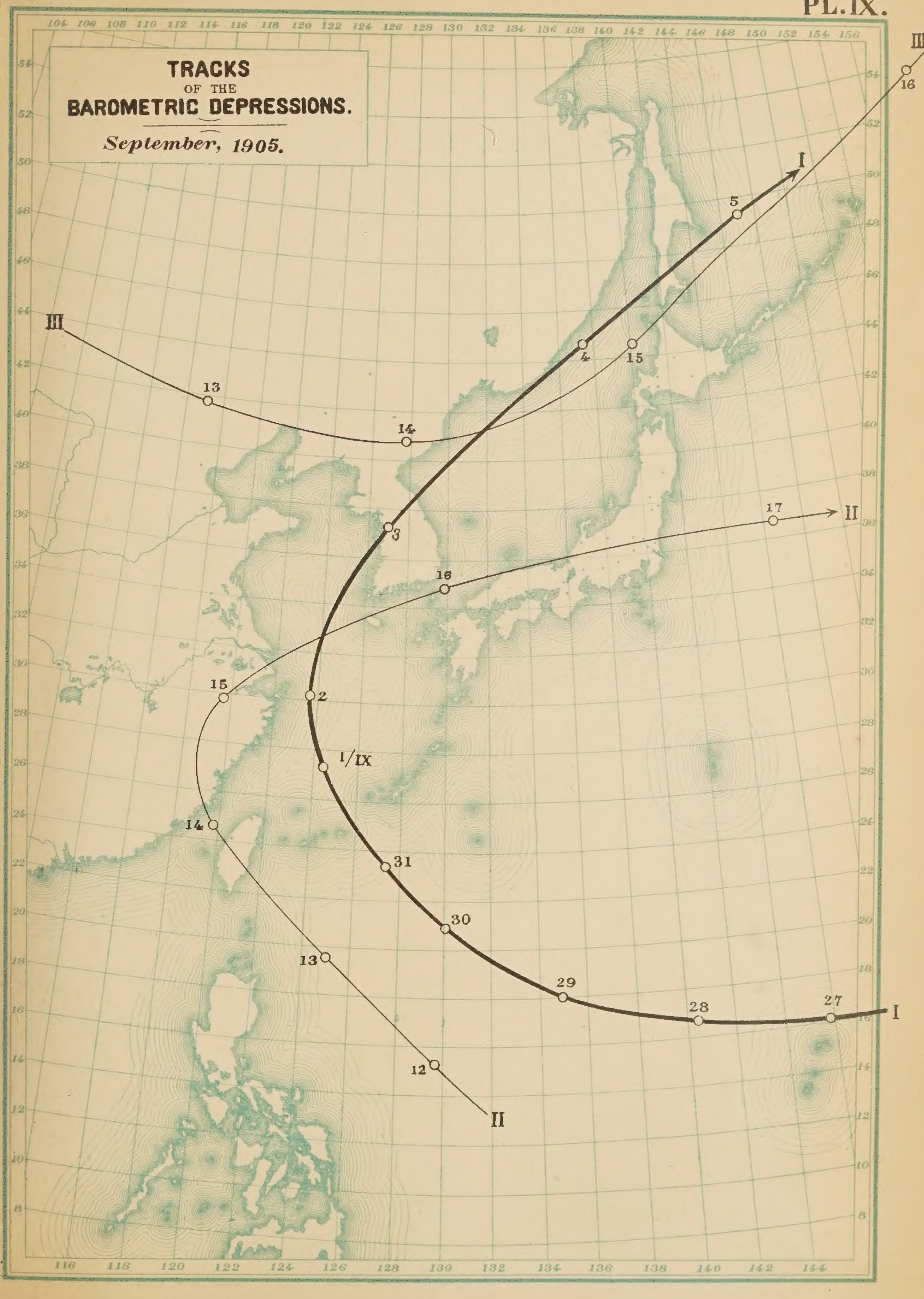

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
June, 1905.
I
2
3
4
II
4
5
6
7
8
III
12
13
14
15
IV
15
16
17
18
19
20
V
25
26
27
28
29

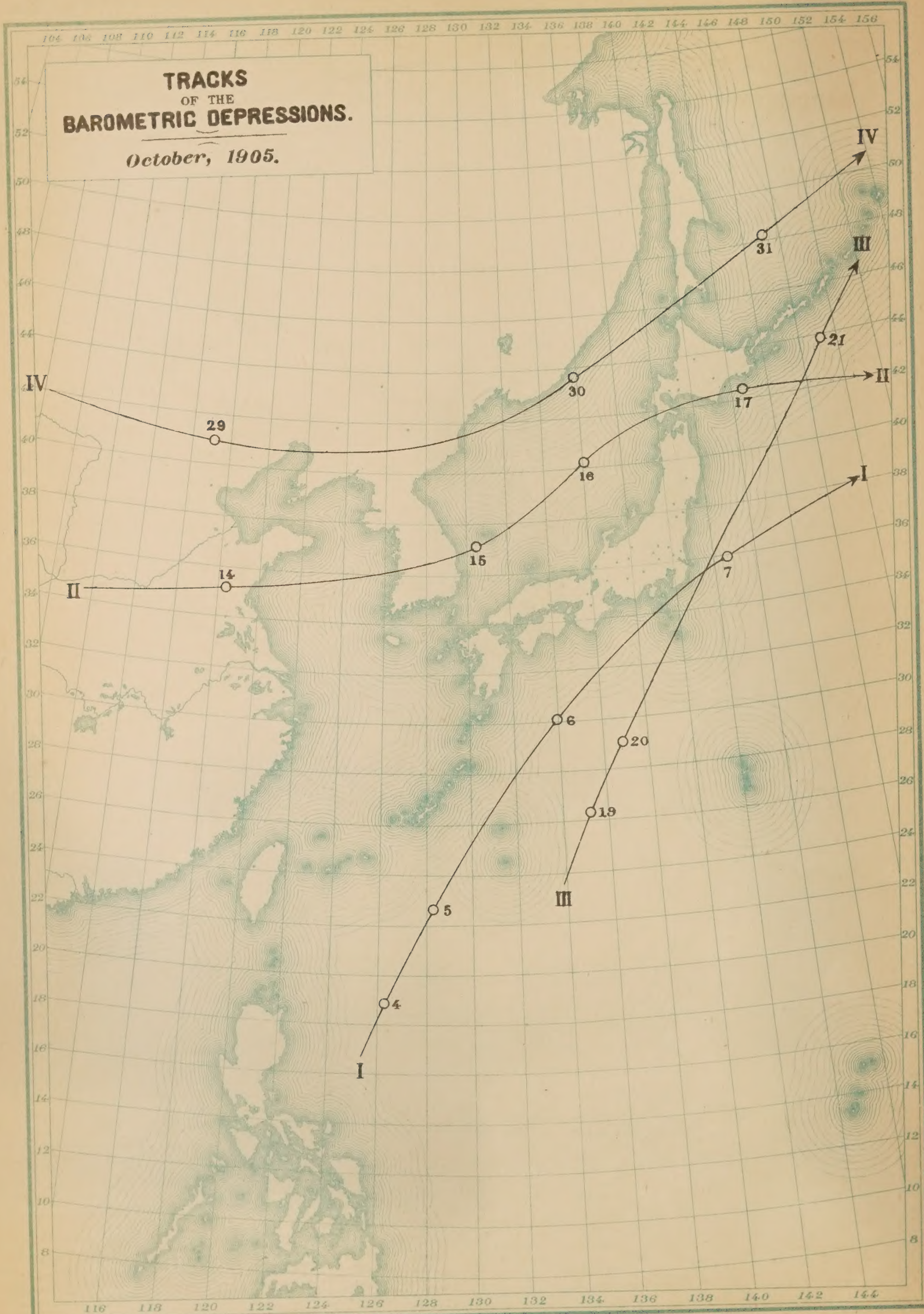

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
July, 1905.
I
4
3
2
1
30/VI
I
IV
1/VIII
31
30
IV
III
25
26
27
28
29
30
III
II
14
15
16
17
18
19
20
II

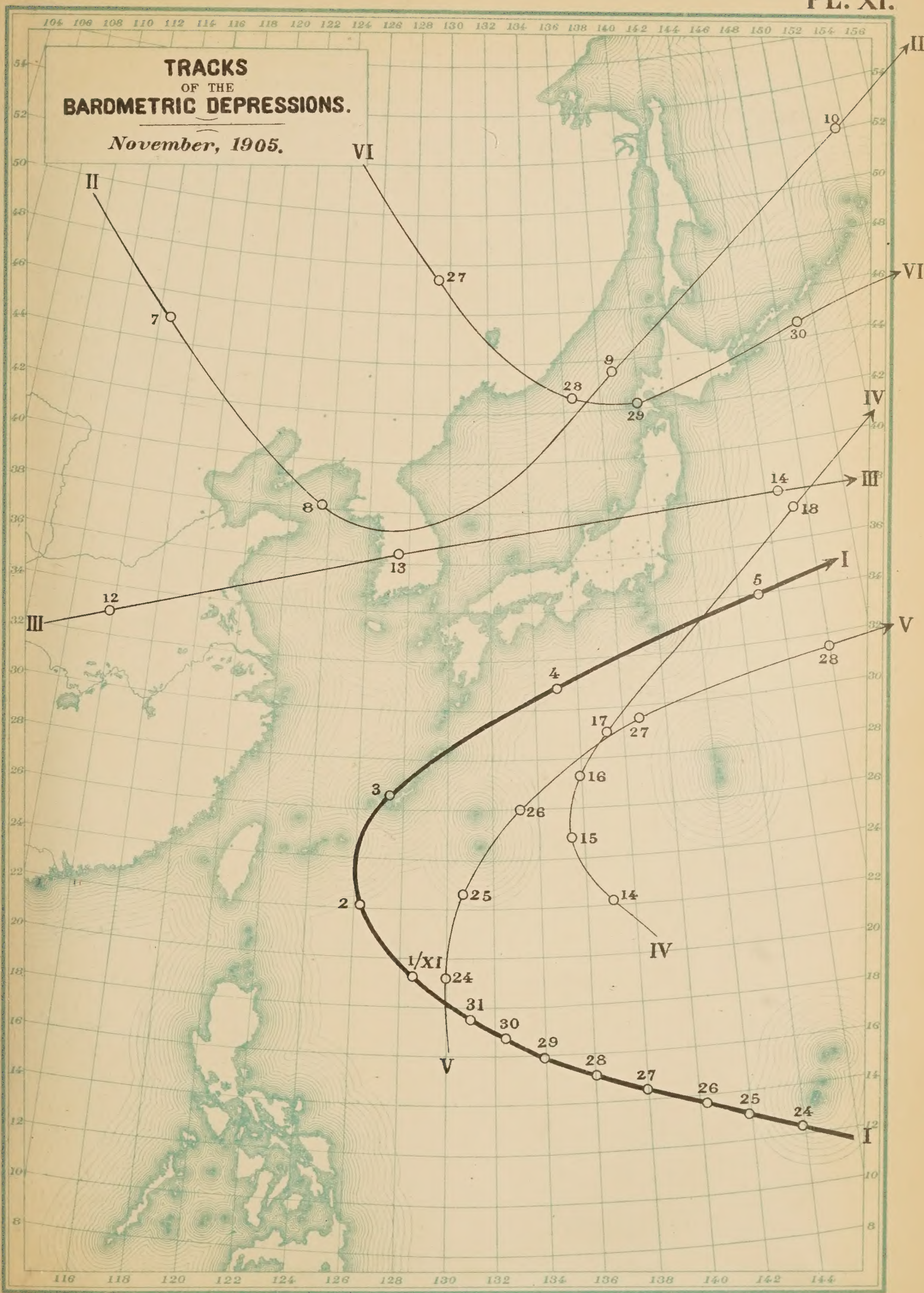
PL. VIII.



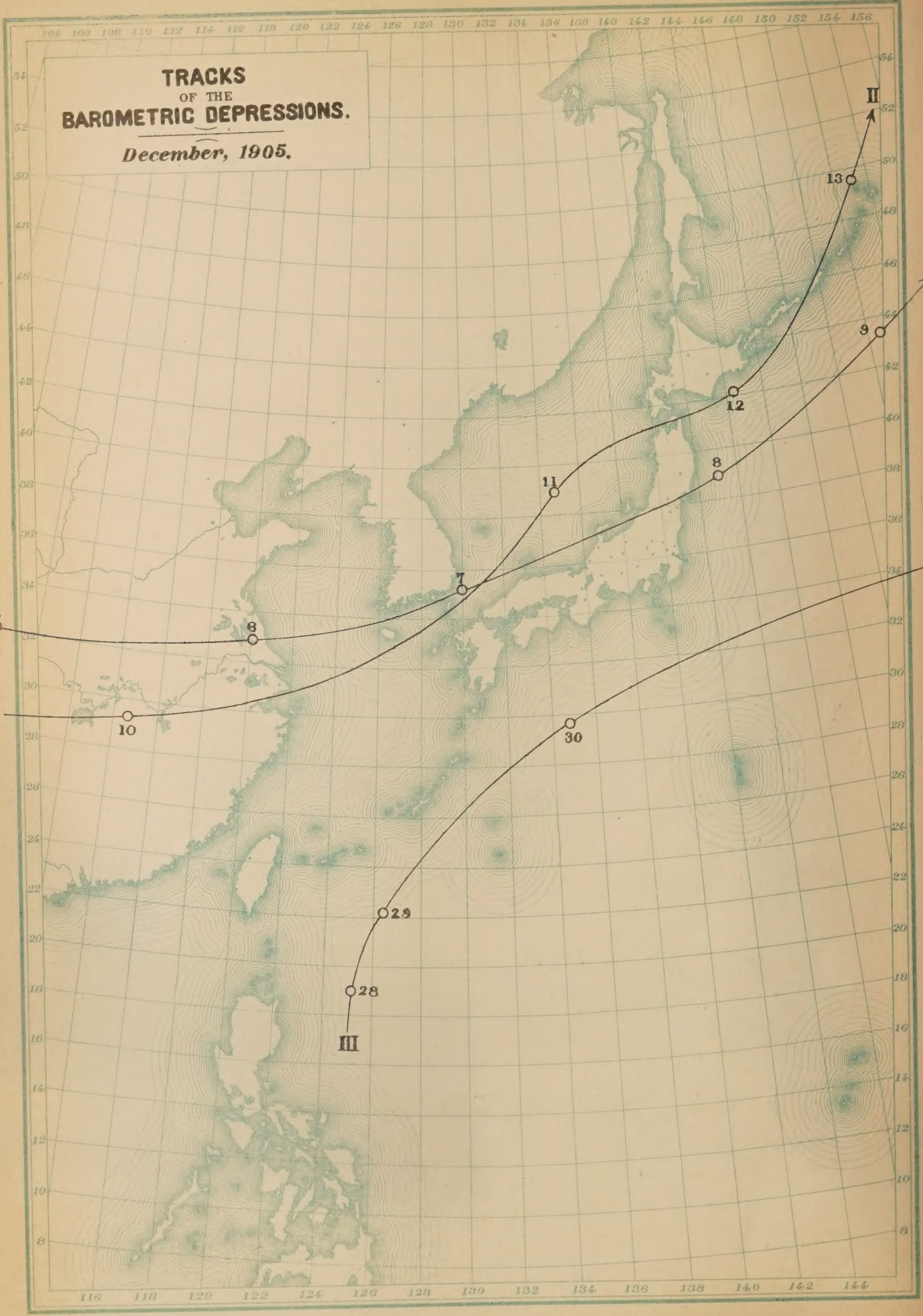
TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
August, 1905.
I
II
III
IV


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
September, 1905.
I
II
III
1/IX
2
3
4
5
27
28
29
30
31
12
13
14
15
16
17


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
October, 1905.
I
4
5
6
7
I
II
14
15
16
17
II
III
19
20
21
III
IV
29
30
31
IV


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
November, 1905.
I
II
III
IV
V
VI
1/XI

PL. XII.



TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
December, 1905.
I
II
III
5
6
7
8
9
10
11
12
13
28
29
30
31